

Product datasheet for MC206630

Rasd1 (BC034166) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rasd1 (BC034166) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Rasd1
Synonyms:	Dexras1
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC034166 GACCAAGTCCGCGAGTCCCGAAGCCAAGCTCTCCGTCACCTCCGGAGTTCTCTGCAGCCCTCTACCTTCT CTCGGCCACGCATCCGCCCTGGGGCCCTCTACCCAATGAAACTGGCCGCGATGATCAAGAAGATGTGC CCAAGCGACTCTGAACTGAGTATCCCGGCCAAGAACTGCTACAGGATGGTCATCCTCGGCTCATCCAAAG TGGCAAGACGGCCATTGTGTCGCGCTTCTCACGGGCCGTTTCGAGGATGCTTACACCCCTACCATCGA GGACTTCCACCGAAAGTTTTACTCGATCCGCGCGAAGTCTACCAGTTGGACATACTGGACACATCCGGC AATCATCCGTTTCCCGCCATGCGCGCCTCTCTATCCTCACAGGAGACGTTTTTCATTCTGGTGTTGAGCT TAGACAACCGGACTCATTGCAAGAGGTGCAAAGGCTCAAACAGCAGATCCTAGACACCAAGTCTGTCT CAAGAACAAAACCAAGAGAATGTGGACGTGCCGCTGGTCATTTGCGGTAACAAAGGGGACCGGGACTTC TACCGGAAGTAGAGCAGCGGGAGATTGAGCAGCTGGTGGGTGACGACCCTCAGCGTTGTGCCTACTTCG AGATCTCAGCCAAGAAGAAGCAGCAGCTTGACCAGATGTTCCGTGCGCTCTTTGCCATGGCCAAGCTGCC TAGCGAGATGAGCCCCGACTTGCACCGCAAGGTATCTGTGCACTACTGCGACGACTGCACAAGAAGGCT CTGAGGAACAAGAAGCTTCTGCGTGCAGGCGAGCGGAGGGGGGGGACCAACCGCGATGCCTTTGGCATCT TGGCGCCCTTTGCTCGCAGACCCAGCGTGCACAGCGACCTCATGTACATTCGTGAAAAAACAGTGTGCG CAGCCAGGCTAAGGACAAGGAGCGCTGTGTATCAGTTAGGAGCCCCAGGGTCAGCCACACAACCTGAG GACCTTTTTTGTCAAAGTCAAATCGGATTCCTGGACTAGCGGTCGGTCCGACAGGAGCCCAATTGGC CTTCTCCTCCCTCCCTGAGACCCAGCCGGGAGACCAAGCCAGTAAGGGACAGTACCTGCTGTGAAA GGAAAGAGAAGTCTAAGACAGGAGCTGTACCTCCGATTCTGGGATGCCAGGACCCAGCAGAGGGGGC CTTGGCATTTTTCTCAAGAGTTTGAGAAAAAGCGTGTGAAGTTCATCAGCCTGTGAGACTTAAAGTAAC TGTCTGCTCGCTTCAAGGCGAGGACTAATAAGGGCATTATCTTGTCTGTGATTGGTGTGCCATGGCC GCTGTGACCCACCTCTGTCTCAGCAAACTGAAACTTTGGCTGGAGGTGGGCGGGGGGGGGGGGGGG TGTTCAATCATAGCCAAGTGACTTGTGTTACATGTGTGTGCAATTACCCAAAAGAAAAACAAACACAA AACTTGCACTTTAATAGTTCCAGTGTCAATGTGACATGAACAAAATCTCTACATTTCTATTGTGTGAGGT CTTTATTATTATTTTTTATTTAAATAAAATAATTTAGAAACGGATAAAAAAAAAAAAAAAAAAAAAAA AA
Restriction Sites:	EcoRI-NotI



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ACCN:	BC034166
Insert Size:	843 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>BC034166</u> , <u>AAH34166</u>
RefSeq Size:	1612 bp
RefSeq ORF:	843 bp
Locus ID:	19416
Cytogenetics:	11 B1.3
Gene Summary:	This gene encodes a member of the Ras superfamily of small GTPases and is induced by dexamethasone. The encoded protein is an activator of G-protein signaling and acts as a direct nucleotide exchange factor for Gi-Go proteins. This gene may play a role in dexamethasone-induced alterations in cell morphology, growth and cell-extracellular matrix interactions. [provided by RefSeq, Nov 2015]